



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Col 2

In re U.S. Patent No. 6,984,484	)	Serial No. 09/889,609
	)	
Inventor(s): Soloman H. SNYDER <i>et al</i>	)	Filed: December 28, 2001
	)	
Issue Date: January 10, 2006	)	Attorney Docket No. 001107.00171

For: MAMMALIAN SERINE RACEMASE

**REQUEST FOR CERTIFICATE OF CORRECTION**

U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building, Mail Stop: Certificate of Correction Branch  
401 Dulany Street  
Alexandria, VA 22314

Certificate  
MAY 23 2006  
of Correction

Sir:

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, this please issue a Certificate of Correction in the above-identified patent. Two (2) copies of PTO Form 1050 are appended. The complete Certificate of Correction involves one page.

The mistakes identified in the appended Form occurred through no fault of the Applicants, as clearly disclosed by the records of the application that matured into this patent. The Declaration was filed on December 28, 2001, which completed the requirements under 35 U.S.C. §371(c)1, 2, and 4. Copies of the filing and the postcard receipt are attached.

We believe no fee is required. If this is incorrect, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Dated: May 19, 2006

1001 G Street, N.W. (11th Fl.)  
Washington, D.C. 20001  
(202) 824-3000

By: Lisa M. Hemmendinger  
Lisa M. Hemmendinger  
Registration No. 42,653

MAY 24 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,984,484  
DATED: January 10, 2006  
INVENTOR(S): Soloman H. SNYDER *et al*

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the cover page, Inventors section (75):

Please replace "Roscoe Brady, Jr.," with --Roscoe O. Brady, Jr.,--

On the cover page, § 371 (c)(1), (2), (4) Date:

Please replace "Dec. 12, 2001" with --Dec. 28, 2001--

Mailing Address of Sender:

Banner & Witcoff, Ltd.  
11th Floor  
1001 G Street, N.W.  
Washington, DC 20001-4597

FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 6,984,484

No. of add'l copies  
@ \$0.50 per page

☐

**MAY 24 2006**

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FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 6,984,484

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MAY 24 2006



BOX PCT

B&W # 01107.00171 Atty/Sec SAK:bnc Date: December 28, 2001  
In Re International Application of: Solomon H. Snyder, et al  
International Application No. PCT/US00/00938  
For: MAMMALIAN SERINE RACEMASE  
DATE DUE: December 28, 2001



The following has been received in the U.S. Receiving Office on the date stamped hereon:

1. Transmittal Letter to the U.S. Designated/Elected Office Under 35 U.S.C. 371 (in dup.),
2. Petition for Extension of Time (2 mos) (in dup.)
3. Copy of Notification of Missing Requirements mailed August 31, 2001
4. Amendment and Response to Notice to Comply with Sequence Listing Requirements w/Sequence Listing
5. Joint Declaration for Patent Application (7)
6. Computer Readable Disk with Substitute Sequence Listing
7. PTO-1592 (in dup.) w/Executed Assignments (7)
8. Declaration Surcharge Fee - Small Entity \$65.00 - charged to Deposit Account No. 19-0733
9. *Extension Fee - Small Entity charged to Deposit Acct*

MAY 9 2005

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 11-2000) <b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NO. 01107.00171
U.S. APPLICATION NO. (If known, See 37 CFR 1.5) 09/889,609		PRIORITY DATE CLAIMED Jan. 19, 1999; July 21, 1999; July 28, 1999
INTERNATIONAL APPLICATION NO. PCT/US00/00938	INTERNATIONAL FILING DATE January 18, 2000 18	
TITLE OF INVENTION MAMMALIAN SERINE RACEMASE		
APPLICANT(S) FOR DO/EO/US Solomon H. SNYDER, Herman WOLOSKER, Keven SHETH, Takahashi MASAAKI, Jean-Pierre MOTHET, Roscoe O. BRADY, JR., and Christopher D. FERRIS		
Applicant herewith submits to the United State Designated/Elected Office (DO/EO/US) the following items and other information: <ol style="list-style-type: none"> <li><input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is a <b>SECOND or SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</li> <li><input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> <del>An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</del></li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11-20 below concern other document(s) or information included:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A FIRST preliminary amendment</li> <li><input checked="" type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: Petition for Extension of Time - 2 months (in dup.), Copy of PCT/DO/EO/905 Mailed Aug. 31, 201; Amendment and Response to Notice to Comply with Sequence Listing Requirements with Sequence Listing and computer readable form; Joint Declaration for Patent Applications (7)</li> </ol> <p>01/03/2002 NGUYEN 00000044 190733 09889609          01 FC:254 65.00 CH</p>		

2006

U.S. APPLICATION NO. (if known, see 37 CFR 1.50) <b>09/889/609</b>		INTERNATIONAL APPLICATION NO. PCT/US00/00938		ATTORNEY'S DOCKET NO. 01107.00171	
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17. <input checked="" type="checkbox"/> The following fees are submitted:  <b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1,040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.455(a)(2)) paid to USPTO ..... \$ 740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ 100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td colspan="2" style="height: 100px;"></td> </tr> </table>		CALCULATIONS	PTO USE ONLY		
CALCULATIONS	PTO USE ONLY								
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;"></td> </tr> <tr> <td style="text-align: center;">\$130.00</td> <td></td> </tr> </table>		\$		\$130.00	
\$									
\$130.00									

  

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	-20 =		X \$18.00	\$	
Independent Claims	- 3 =		X \$ 84.00	\$	
Multiple dependent claims (if applicable)			X \$280.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$130.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated below are reduced by 1/2.				\$65.00	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$65.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$65.00	
+				Amount to be:	
				refunded	\$
				charged	\$

  

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 19-0733 in the amount of \$65.00 \_\_\_\_\_ to cover the above fees. A  
duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137(a) or (b)) must be filed and granted to restore the application to pending status.

  

SEND ALL CORRESPONDENCE TO:  Banner & Witcoff, Ltd. Eleventh Floor 1001 G Street, N.W. Washington, D.C. 20001-4597 Telephone (202) 508-9100 Date: <b>December 28, 2001</b>	<div style="text-align: center;">              SIGNATURE           </div> <div style="text-align: center;">             for <u>Sarah A. Kagan</u>              NAME           </div> <div style="text-align: center;"> <u>32,141</u>              REGISTRATION NUMBER           </div>
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## JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled MAMMALIAN SERINE RACEMASE, the specification of which

- ☐ is attached hereto.  
☒ was filed on July 19, 2001 as Application Serial Number 09/889,609 and was amended on July 19, 2001 (if applicable).  
☒ was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. PCT/US00/00938, filed January 19, 2000, and amended on \_\_\_\_\_ (if any).

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

### Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119

### Prior United States Provisional Application(s)

We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

U.S. Provisional Application No.	Date of Filing (day month year)	Priority Claimed Under 35 U.S.C. §119(e)(1)
60/145,953	28 July 1999	Yes
60/144,839	21 July 1999	Yes
60/116,333	19 January 1999	Yes

### Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing (Day, Month, Year)	Status — Patented, Pending, Abandoned

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Full Name of Third Inventor SHETH Kevin  
Family Name First Given Name Second Given Name  
Residence Baltimore, Maryland Citizenship United States of America  
Post Office Address c/o The Johns Hopkins University, 111 Market Place, Suite 906, Baltimore, MD 21202

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Full Name of Third Inventor MASAAKI Takahashi  
Family Name First Given Name Second Given Name  
Residence Baltimore, Maryland Citizenship United States of America  
Post Office Address c/o The Johns Hopkins University, 111 Market Place, Suite 906, Baltimore, MD 21202

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Full Name of Third Inventor MOTHE Jean-Pierre  
Family Name First Given Name Second Given Name  
Residence Baltimore, Maryland Citizenship United States of America  
Post Office Address c/o The Johns Hopkins University, 111 Market Place, Suite 906, Baltimore, MD 21202

Signature *Roscoe O. Brady Jr.* Date 11/5/01  
Full Name of Third Inventor BRADY, Jr. Roscoe  
Family Name First Given Name Second Given Name  
Residence Baltimore, Maryland Citizenship United States of America  
Post Office Address c/o The Johns Hopkins University, 111 Market Place, Suite 906, Baltimore, MD 21202

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Full Name of Third Inventor FERRIS Christopher D.  
Family Name First Given Name Second Given Name  
Residence Baltimore, Maryland Citizenship United States of America  
Post Office Address c/o The Johns Hopkins University, 111 Market Place, Suite 906, Baltimore, MD 21202

